

CLAIM AMENDMENTS

Pursuant to 37 CFR 1.121, a complete listing of all claims in the application, and their status, is set forth below. The text of each pending claim is also provided. Please amend the pending claims as follows, wherein added matter is underlined and deleted matter is ~~stricken through~~ or ~~[[double bracketed]]~~ in the text of the currently amended claims, relative to the immediate prior version. The claims in this listing are deemed to replace all prior claims in the application.

1. (Currently Amended) A bicycle saddle/seat ~~with an electronically powered~~
which provides a vibrating/oscillating motion, mechanism comprised of comprising:

(a) a seat having a shell with a top and an underside, the shell having a front, a back, and a predetermined length, and a pair of parallel, spaced apart rods connected to the shell underside and disposed in a front to back orientation;

~~a digital programmable seat control bar activates;~~

~~a power source to drive vibratory/oscillating motor mechanism within;~~

(b) ~~a vibratory/oscillating tube integrated within~~ a concave integrated
~~molded tube tunnel affixed to or running within the underside of the seat shell~~
~~plastic~~ and extending substantially from the front to back along the length of the
bicycle seat; ~~wherein;~~

(c) a tube firmly disposed within the tube tunnel, the tube including:

(i) a vibratory, oscillating motor mechanism firmly
disposed within and connected to the tube tunnel, and

(ii) a power source communicatively connected to the vibratory, oscillating motor mechanism and firmly disposed within the tube tunnel; and

(d) a control communicatively connected to the motor mechanism and power source upon rider activation of the tube vibrating/oscillating mechanism within and by virtue of it's affixation/integration within plastic underside of the seat having contact at points appropriate with the metal rods infrastructure on the underside of all bicycle seats, thus the entire seat vibrates/oscillates upon activation.

2. (Canceled)

3. (Canceled)

4. The ~~vibrating/oscillating~~ seat of claim 1 wherein Vibrating/oscillating motor ~~within tube/seat~~ vibrates at a frequency ~~frequencies~~ of 1100 to 18000 Rpm's/strokes per minute.

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Currently Amended) The ~~vibrating/oscillating~~ seat of claim 1 wherein ~~two~~ the motor mechanism is selected from the group of motors consisting of approaches ~~either a piezo electric motion motor or and an~~ electric motor with eccentric offset weight.

9. (Canceled).

10. (Currently Amended) ~~The vibrating/oscillating seat in claim 1 wherein the~~
~~may be integrated into bicycle saddle[[s]] further present or future comprises[[d]] of~~
various materials plastic, composites, gel, foam, leather, neoprene or spring ~~supported as~~
~~currently configured and characterized in various~~ types of saddles including: standard,
anatomically correct, gender specific, racing, recumbent and comfort; for use with various
bicycle types including: Hybrid, Touring, Mountain, Comfort, Tandem, Racing, Juvenile,
Standard and Recumbent.

11-19. (Canceled)

20. (New) The seat of claim 1, wherein the tube tunnel is molded with
underside of the seat shell.

21. (New) The seat of claim 1, wherein the tube tunnel has a plurality of
contact points with the seat rods and whereby, upon activation, the vibrating/oscillating

motor mechanism by virtue of it's connection within the tube tunnel and communicative contact with the metal rods, the entire seat vibrates.

22. (New) The seat of claim 21 wherein the tube tunnel has an interior with a predetermined three dimensional configuration, and wherein the tube has a predetermined exterior configuration which substantially fills the interior of the tube tunnel, the horizontal dimension being thin at the front and thicker at the back, and the vertical dimension being thin at the front and thick at the back.

23. (New) The seat of claim 4, wherein the motor mechanism frequency is 2,800 RPM.